Chemical Resistance Chart															Starpoint 24 Todd D		PROPERTY
CHART KEY:								E=	Excellent, G	6 = Good, F =	= Fair, X = Not	t Recommende	d, NT = Not Teste	ed	Burgettst	own, PA 15021	COMPORATE
Chemical Resistance Chart	FEP	PFA	PVDF	ETFE	ECTFE	PCTFE	PEEK	sents testing at ambient te	mperature. Second le	etter represents testin	ng at 120°F or higher. D	Data may only be available	for ambient temperature.	Cast	PVC C	PUL	ethylene
Acetalaldehyde	E/E E/E	E/E E/E	X E/E	E/E E/E	G G	G G	E/E E/E	х			NT	G E/E	G G/X	crylic X G	X E	X E	(PE) X E
Acetic Acid, 50% Acetic Acid, 97%	E/E E/E	E/E E/E	E/E E/E	E/E E/E	G G	G G	E/E E/E	x x	F/F X		Х	E/G E/G	x x	x x	E X	E X	E NT
Aluminum Chloride Aluminum Hydroxide	E/E E/E	E/E E/E	X E/E E/E	E/F E/E E/E	E/G E/E E/E	E/G E/E E/E	E/E E/E			NT I	NT		F/F NT G	X E NT	X E	X E	E F
Aluminum Sulfate Ammonia, aqueous	E/E E/E	E/E E/E	E/E X	NT E/E	E/E E/E	E/E E/E	E/E E/E	G X	E F	E	E	E/E	E G/G	E X	E E	E E	E NT
Ammonia, anhydrous Ammonium Chloride	E/E E/E	E/E E/E	X E/E	E/E E/E	E/E E/E	E/E E/E	E/E E/E	X G	F E	F E	E	E/G	E/G	NT G	X E	X E	G E
Ammonium Hydroxide  Ammonium Nitrate  Ammonium Phosphate	E/E E/E	E/E E/E	E/E E/E	E/E E/E	E/E E/E	E/E E/E	E/E E/E			E/E E	E/E	E/E	F/X NT NT	G G NT	G E	G E	E E
Chemical Resistance Chart	FEP	PFA	PVDF	ETFE I	ECTFE	PCTFE	PEEK ca	Poly-	Poly- Ulfone	Jiltem R	adel F	Poly- ppylene	Acetal A	Cast crylic	PVC C		ethylene (PE)
Amyl Alcohol Amyl Chloride	E/E E/E	E/E E/E	E/F E/E E/E	E/E E/E	E/X E/E E/E	E/X E/E E/E	E/E NT NT			E/E E	E/E	G/X E/F X/X	G G NT	X NT	F F	G F	E F
Antifreeze Barium Carbonate	E/E E/E	E/E E/E	E/E E/E	NT E/E	E/E E/E	E/E E/E	NT NT	X NT				E/G E/E	G NT	X NT	E E	NT E	G E
Benzaldehyde	E/E E/E	E/E E/E	E/E F	E/E E/E	E/E E/E	E/E E/E	E	х	X/X	F/F	F/F	E/E E/E	NT G	NT X	X	X	E X
Benzene Benzoic Acid Benzyl Alcohol	E/E E/E	E/E E/E	E/E E/E	E/E E/E	G/X E/E G/X	G/X E/E G/X	E/E E/E	х	NT	NT I	NT	G/F E/E E/E	G/G F G	x x	X E X	E X	E X
Boric Acid	E/E E/E	E/E E/E	E/E E/E	E/E E/E	E/E E/E	E/E E/E	NT E/E	х	NT	NT I	NT	E/E E/E	NT G	F G	E E	E E	E E
Bromine	E/E E/E	E/E E/E	E/E E/E	E/E E/F	E/E E/E	E/E E/E	NT X	х	G Poly-	G	G	X/X X/X Poly-	X X	X X Cast	X	X Polys	X ethylene
Chemical Resistance Chart  Butane	FEP E/E	PFA E/E	E/E	E/E	E/E	E/E	E ca	rbonate s	ulfone NT		pro NT	x/X	G A	crylic X	E		(PE)
Butyl Acetate  Butyl Alcohol  Calcium Carbonate	E/E E/E	E/E E/E	G E/E E/E	E/E E/E	E/E E/E	G/X E/E E/E	NT E	X X NT	X F NT		G	F/X E/E E/E	G G NT	X X NT	F NT	E NT	E NT
Calcium Chloride Calcium Hydroxide	E/E E/E	E/E E/E	E/E E/E	E/E E/E	E/E E/E	E/E E/E	E/E NT				NT	E/G	G/G G/G	G F	E E	E E	E E
Calcium Nitrate Calcium Phosphate	E/E	E/E E/E	E/E E/E	E/E NT	E/E E/E	E/E E/E	E NT	NT	NT	NT I	NT		NT NT				NT NT
Carbonic Acid Caustic Soda Cetyl Alcohol	E/E E/E	E/E E/E	E/E N/T N/T	E/E E/E NT	E/E E/E	E/E E/E	E/E NT NT				NT	E/E E/G	NT NT	G	NT E NT	Е	NT E NT
Chlorine Chromic Acid, 10%	E/E E/E	E/E E/E	E/E E/E	E/E E/E	E/E E/E	E/E E/E	X E		NT F/F	NT I	NT G	X/X G/F	x x	X G	X E	х	F NT
Chromic Acid, 50%  Chemical Resistance Chart	E/E FEP	E/E PFA	E/F PVDF	E/F	E/E ECTFE	E/E PCTFE	PEEK		X Poly- ulfone	X Jiltem R	adel	G/F Poly- ppylene	LCOTOI	X Cast crylic	× c		X ethylene (PE)
Chromic Acid, 80% Citric Acid, 10%	E/E E/E	E/E E/E	NT E/E	NT E/E	E/E E/E	E/E E/E	F E/E	X G	X G		X G	G/F E/E	X G/X	G	NT E		NT F
Copper Chloride Copper Fluoride Copper Nitrate	E/E E/E	E/E E/E	E/E E/E	E/E E/E	E/E E/E	E/E E/E	E/E E/E	NT	NT	NT I	NT	E/E E/E E/E		G NT NT	E E	E E	G NT G
Copper Sulfate Cyclohexane	E/E E/E	E/E E/E	E/E E/E	E/E E/E	E/E E/E	E/E E/E	E/E E/E					E/E F/X	NT G	G X	E E	E E	G F
Dichloroethylene Directhyl Bhthalate	E/E E/E	E/E E/E	E/E E/E	E/E NT	E/E G/X	E/E G/X	E/E F	G X	F X	х	х	E/E E	E/F X	E X			F NT
Dimethyl Phthalate Emulsifiers Ethyl Acetate	E/E E/E	E/E E/E	G NT X	E/E E/E	G/F E/E E/E	G/F E/E F/F	NT NT	NT X	NT X		NT	G/G E/E F/F	NT NT G/F				NT F
Ethyl Alcohol Ethyl Chloride	E/E E/E	E/E E/E	E/E E/E	E/E E/E	E/E E/E	E/E E/E	E/E NT	x x	x x		Х	E/E F/F	F/F G	x x	E X	E X	x x
Chemical Resistance Chart Ethyl Ether	FEP E/E	PFA E/E	PVDF E/F	ETFE I	ECTFE E/E	PCTFE X	PEEK	rbonate s	ultone		pro pro	Poly- ppylene F/X		Cast crylic X	x		ethylene (PE) X
Ethylene Chloride Ethylene Glycol	E/E E/E	E/E E/E	E/E E/E	E/E E/E	E/E E/E	E/E E/E	NT E/E				E/G	X/X E/G	F G	x x	X E	X E	X G
Ethylene Oxide Fatty Acids Ferric Chloride	E/E E/E	E/E E/E	E/E E/E	E/E E/E	E/E E/E	X E/E E/E	E E/E F/F	NT	NT	NT I	NT	G/F E/E E/E	G G	X NT G	X E	X G E	F G
Ferric Nitrate Ferric Sulfate	E/E E/E	E/E E/E	E/E E/E	E/E E/E	E/E E/E	E/E E/E	E E/E	NT	NT	NT I	NT	E/E	NT NT	NT G	E E	E E	G E
Fluosilicic Acid Formaldehyde	X E/E E/E	X E/E E/E	F E/E E/F	F E/E E/E	X E/E E/E	X E/E E/E	X NT E/E	NT			NT	X/X E/E G/G		NT NT	F F	NT E	G G
Formic Acid	E/E	E/E	E/E	E/E	E/E					_	_			-		_	
Freon	F	F	NT	E/E	Х	E/E X	E/E E	x	G/G X		G G	E/E G	X G	F X	E	E E	F
Fructose  Chemical Resistance Chart	F E/E FEP	F E/E PFA		E/E E/E	E/E X E/E ECTFE	X E/E	E E/E	X G Poly-	X NT	G NT I	G NT	G E/E	NT	F X F Cast crylic	E E E PVC (		E E ethylene (PE)
Fructose			NT E/E	E/E E/E	X E/E	X E/E	E E/E	X G Poly- rbonate s	X NT Poly- ulfone  X G/F	G NT I Jiltem R F G/F (	G NT adel pro F G/F	G E/E Poly- pylene	NT Acetal A		E E E F E E E	E	
Chemical Resistance Chart  Gasoline  Glycerin	FEP E/E	PFA E/E	NT E/E PVDF E/E	E/E E/E ETFE E/E	X E/E  ECTFE  E/E  E/E	X E/E  PCTFE E/E E/E	E E/E PEEK ca E/E E/E	X G Poly- rbonate s X G	X  NT  Poly- ulfone  X  G/F  NT	G NT I  Jiltem R  F G/F C NT I	G NT adel pro F G/F NT	G E/E Poly- pylene F/X E/E G/G	NT Cetal A G/F	crylic G/F X	E E E F E E E E E E E E	E	(PE)
Chemical Resistance Chart  Gasoline Glycerin Glycolic Acid Glycols Heptane Hexane Hydraulic Fluids	E/E E/E X E/E E/E E/E E/E	PFA E/E E/E X E/E E/E E/E E/E	NT E/E  PVDF  E/E  E/E  F  NT  E/E  E/E  E/E	E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/E	X E/E ECTFE E/E E/E E/E E/E E/E E/E	X E/E  PCTFE  E/E  E/E  E/E  E/E  X  E/E	E E/E PEEK ca E/E E/E E/E E/E E/E E/E E E E	X G Poly- rbonate s X G	X NT Poly- ulfone  X G/F NT	G NT I Jiltem R  F G/F NT I NT X	G NT adel pro F 3/F NT NT X G	G E/E Poly- pylene  F/X E/E G/G E/E X/X G/F E/E	NT  G/F  G  NT  NT	Crylic  G/F  X  NT  F  E  F	F E E G	E E E E E NT	(PE) X NT G E X X
Chemical Resistance Chart  Gasoline Glycerin Glycolic Acid Glycols Heptane Hexane	E/E E/E X E/E E/E E/E E/E	PFA E/E E/E X E/E E/E E/E	NT E/E  PVDF  E/E  E/E  F  NT  E/E  E/E	E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/E	X E/E ECTFE E/E E/E E/E E/E E/E E/E	X E/E  PCTFE  E/E  E/E  E/E  E/E  X	E E/E  PEEK ca E/E E/E E/E E/E E/E E	X G Poly- rbonate s X G	X NT Poly- ulfone  X G/F NT	G NT I Jiltem R F G/F NT I NT I X G E E X	G NT adel F S/F NT NT X G E E X	G E/E Poly- pylene F/X E/E G/G E/E X/X G/F	NT  G/F  G  NT  NT  E/E	G/F X NT F E G G X	F E E G NT E	E E E E E NT E NT	(PE) X NT G E X
Chemical Resistance Chart  Gasoline Glycerin Glycolic Acid Glycols Heptane Hexane Hydraulic Fluids Hydrochloric Acid, 10% Hydrochloric Acid, 30% Hydrochloric Acid, 50% Hydrochloric Acid Hydrofluoric Acid	FEP  E/E  E/E  X  E/E  E/E  E/E  E/E  E/E	PFA  E/E  E/E  X  E/E  E/E  E/E  E/E  E/E	NT E/E  PVDF  E/E  E/E  F  NT  E/E  E/E  E/E  E/E  E/E  E/E  E/E	E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/E	X E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/	X E/E  PCTFE  E/E  E/E  E/E  E/E  E/E  E/E  E/E	E E/E PEEK Ca E/E E/E E/E E/E E E E E E E E/E E/E E/	X G Poly- rbonate s X G	X NT Poly- ulfone  X G/F NT NT X X X F F X X	G NT I Jiltem R F G/F NT NT X G E E X X NT F	G NT adel pro  F S/F NT NT X G E X X NT F	G E/E Poly- pylene F/X E/E G/G E/E X/X G/F E/E G/F X/X G G/F	NT  G/F  G  NT  NT  E/E  G/F  X  X	G/F X NT F E G G X	F E E E O NT E E NT	E E E E E NT E NT NT	X NT G E X NT NT T E
Chemical Resistance Chart  Gasoline Glycerin Glycolic Acid Glycols Heptane Hexane Hydraulic Fluids Hydrochloric Acid, 10% Hydrochloric Acid, 30% Hydrochloric Acid, 50% Hydrochloric Acid Hydrogen Peroxide, 10% Hydrogen Peroxide, 30%	FEP  E/E  E/E  X  E/E  E/E  E/E  E/E  E/E	PFA  E/E  E/E  X  E/E  E/E  E/E  E/E  E/E	NT E/E  PVDF  E/E  E/E  F  NT  E/E  E/E  E/E  E/E  E/E  E/E  E/E	E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/E	X E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/	X E/E  PCTFE  E/E E/E E/E E/E E/E E/E E/E E/E E/E	E E/E PEEK  E/E E/E E/E E/E E E E E E E/E E/E E	X G Poly-rbonate s X G F G G F G G F F F F C C C C C C C C C	X NT Poly- ulfone  X G/F NT NT X X X F F X X NT X X Poly-	G NT I Jiltem R F G/F NT I NT I X G E E X X NT F G X	G NT adel pro  F 3/F NT NT X G E X X NT F G X	G E/E Poly- pylene  F/X E/E G/G E/E X/X G/F E/E C/F X/X G G/F X/X G G/F E/G G/F Poly-	NT  Cetal  A  G/F  G  NT  NT  E/E  G/F  X  X  X  X  X  X  X  X  X  X  X  X  X	Crylic  G/F  X  NT  F  E  F  G  G  X  X  F  F  G  F  Cast	F E E E E E F E F E E E E E E E E E E E	E E E E E NT E NT NT NT NT NT P E X	X NT G E X X NT NT NT NT E NT NT E E E ethylene
Chemical Resistance Chart  Gasoline Glycerin Glycolic Acid Glycols Heptane Hexane Hydraulic Fluids Hydrochloric Acid, 10% Hydrochloric Acid, 30% Hydrochloric Acid Hydrochloric Acid Hydrofluoric Acid Hydrofluoric Acid Hydrogen Peroxide, 10%	FEP  E/E  E/E  X  E/E  E/E  E/E  E/E  E/E	PFA  E/E  E/E  X  E/E  E/E  E/E  E/E  E/E	NT E/E  PVDF  E/E  E/E  F  NT  E/E  E/E  E/E  E/E  E/E  E/E  E/E	E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/E	X E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/	X E/E  PCTFE  E/E E/E E/E E/E E/E E/E E/E E/E E/E	E E/E PEEK  E/E E/E E/E E/E E E E E E E/E E/E E	X G Poly-rbonate si X G F G G F F G G G F F F X X X NT F G G G Poly-rbonate si F	X NT Poly- ulfone  X G/F NT NT X X X F F X X X NT X X F X X X X X X X X X X X X X X X X	G NT I Jiltem R  F G/F NT NT X G E E X X NT F G X X NT F G X X Jiltem R X	G NT adel pro  F 3/F NT NT X G E X X NT F G X adel pro X	G E/E Poly- pylene  F/X E/E G/G E/E X/X G/F E/E E/E G/F X/X G G/F E/G G/F E/G G/F	NT  Cetal  A  G/F  G  NT  NT  E/E  G/F  X  X  X  X  X  X  X  X  X  X  X  X  X	G/F X NT F E F G G T T T T T T T T T T T T T T T T T	F E E E G NT E E F E X X	E E E E E NT E NT NT NT NT NT P E X	(PE)  X  NT  G  E  X  X  NT  NT  NT  E  NT  NT  E  E  E
Chemical Resistance Chart  Gasoline Glycerin Glycolic Acid Glycols Heptane Hexane Hydraulic Fluids Hydrochloric Acid, 10% Hydrochloric Acid, 30% Hydrochloric Acid, 50% Hydrochloric Acid Hydrogen Peroxide, 10% Hydrogen Peroxide, 30%  Chemical Resistance Chart Hydrogen Sulfide Iodine Isopropyl Alcohol	FEP  E/E  E/E  E/E  E/E  E/E  E/E  E/E	PFA  E/E  E/E  E/E  E/E  E/E  E/E  E/E  E	NT E/E  PVDF  E/E  E/E  E/E  E/E  E/E  E/E  E/E  E	E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/E	X E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/	X E/E  PCTFE  E/E E/E E/E E/E E/E E/E E/E E/E E/E	E E/E PEEK  E/E E/E E/E E/E E E E E E E E E E E	X G Poly-rbonate si X G F G G F F G G G F F F X X X NT F G G G Poly-rbonate si F	X NT Poly- ulfone  X G/F NT NT X X X F F X X NT X X NT X X NT X NT	G NT Jiltem R F G/F NT NT X G E E X X NT F G X NT II T	G NT adel pro  F 3/F NT NT X G E E X X NT F G X Adel pro  X NT F G X NT T G	G E/E Poly- pylene  F/X E/E G/G E/E X/X G/F E/E E/E G/F X/X G G/F E/G G/F E/G G/F Poly- pylene  X/X G/G F E/G	NT  Cetal  A  G/F  G  NT  NT  E/E  G/F  X  X  X  X  X  X  X  T  T  Cetal  A  X  G  NT  T  G/G	Crylic  G/F  X  NT  F  E  F  G  G  X  X  F  F  G  F  Cast	F E E E G NT E E F E X X	E E E E E E NT E NT NT NT NT NT P E X	X NT G E X X NT NT NT NT E NT NT E E E ethylene (PE)
Chemical Resistance Chart  Gasoline Glycerin Glycolic Acid Glycols Heptane Hexane Hydraulic Fluids Hydrochloric Acid, 10% Hydrochloric Acid, 30% Hydrochloric Acid, 50% Hydrochloric Acid Hydrogen Peroxide, 10% Hydrogen Peroxide, 30%  Chemical Resistance Chart Hydrogen Sulfide Iodine Isopropyl Alcohol Kerosene Ketones	FEP  E/E  E/E  E/E  E/E  E/E  E/E  E/E	PFA  E/E  E/E  E/E  E/E  E/E  E/E  E/E  E	NT E/E  PVDF  E/E  E/E  E/E  E/E  E/E  E/E  E/E  E	E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/E	X E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/	X E/E  PCTFE  E/E E/E E/E E/E E/E E/E E/E E/E E/E	E E/E  PEEK  E/E  E/E  E/E  E/E  E/E  E/	X G Poly-rbonate si X G F G G F F F F C C G G G G G G G G G C C C C	X NT Poly- ulfone  X G/F NT NT X X X F F X X NT X X NT X X T X X X X X X X X X X	G NT Jiltem R  F G/F NT NT X G E E X X NT F G X NT II T G G G F	G NT adel pro  F G/F NT NT X G E E X X X NT F G X adel pro  X NT NT G G F	G E/E Poly- pylene  F/X E/E G/G E/E X/X G/F E/E E/E G/F X/X G G/F E/G G/F E/G G/F Poly- pylene  X/X G/G F E/G F E/	NT  Cetal  A  G/F  G  NT  NT  E/E  G/F  X  X  X  X  X  X  X  T  A  Cetal  A  X  G  NT	Crylic  G/F  X  NT  F  E  F  G  G  X  X  F  F  G  F  Cast	F E E E G NT E E F E X X	E E E E E E NT E NT NT NT NT NT P E X	X NT G E X X NT NT NT NT E NT NT E E E ethylene (PE)
Chemical Resistance Chart  Gasoline Glycerin Glycolic Acid Glycols Heptane Hexane Hydraulic Fluids Hydrochloric Acid, 10% Hydrochloric Acid, 30% Hydrochloric Acid, 50% Hydrochloric Acid Hydrogen Peroxide, 10% Hydrogen Peroxide, 30%  Chemical Resistance Chart  Hydrogen Sulfide Iodine Isopropyl Alcohol Kerosene	FEP  E/E  E/E  E/E  E/E  E/E  E/E  E/E	PFA  E/E  E/E  E/E  E/E  E/E  E/E  E/E  E	NT E/E  PVDF  E/E  E/E  E/E  E/E  E/E  E/E  E/E  E	E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/E	X E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/	X E/E  PCTFE  E/E E/E E/E E/E E/E E/E E/E E/E E/E	E E/E  PEEK  E/E  E/E  E/E  E/E  E/E  E/	X G Poly-rbonate si X G F G G F F F F X X X NT F G G G G G G G G C C C C C C C C C C C	X NT Poly- ulfone  X G/F NT NT X X X F F X X NT X X NT X X F X X NT X X R Oly- ulfone X NT NT X X NT NT X NT NT X X NT NT X X NT NT X X X X	G NT Jiltem R  F G/F NT NT X G E E X X NT F G X NT II O	G NT adel pro  F 3/F NT NT X G E E X X NT F G X NT G G T G G F G/G NT	G E/E Poly- pylene  F/X E/E G/G E/E X/X G/F E/E E/E G/F X/X G G/F E/G G/F E/G G/F Poly- pylene  X/X G/G F E/G	NT  Cetal  A  G/F  G  NT  NT  E/E  G/F  X  X  X  X  X  X  X  X  T  Cetal  A  X  G  NT  G/G  E/E  G  G  NT	Crylic  G/F  X  NT  F  E  F  G  G  X  X  F  F  G  F  Cast	F E E E G NT E E F E X X	E E E E E E NT NT NT NT NT V F E X PVC Poly X NT E E E E E E E E E E E E E E E E E E	X NT G E X X NT NT NT NT E NT NT E E E ethylene (PE)
Chemical Resistance Chart  Gasoline Glycerin Glycolic Acid Glycols Heptane Hexane Hydraulic Fluids Hydrochloric Acid, 10% Hydrochloric Acid, 50% Hydrochloric Acid, 50% Hydrochloric Acid Hydrogen Peroxide, 10% Hydrogen Peroxide, 30%  Chemical Resistance Chart Hydrogen Sulfide lodine Isopropyl Alcohol Kerosene Ketones Lactic Acid Magnesium Chloride Magnesium Nitrate Magnesium Sulfate	FEP  E/E  E/E  E/E  E/E  E/E  E/E  E/E	PFA  E/E  E/E  E/E  E/E  E/E  E/E  E/E  E	NT	E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/E	X E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/	X E/E  PCTFE  E/E  E/E  E/E  E/E  E/E  E/E  E/E	E	Composition of the composition o	X NT Poly- ulfone  X G/F NT NT X X X F F X X NT X X NT X X F X X NT X T NT X NT	G NT Jiltem R F G/F NT NT X G E E X X X NT F G X V Iltem R X NT I I I I I I I I I I I I I I I I I I	G NT adel pro  F G/F NT NT X G E E X X X NT F G X adel pro  X NT	E/E Poly- pylene  F/X  E/E  G/G  E/E  X/X  G/F  E/E  G/F  X/X  G  G/F  E/G  G/F  Poly- pylene  X/X  G/F  E/G  E/G  F/X  E/G  E/G  E/G  E/G  E/G  E/G  E/G  E	OCETAL  G/F  G  NT  NT  E/E  G/F  X  X  X  X  X  X  X  T  CETAL  A  X  G  NT  G/G  E/E  G  G  NT  NT  NT  NT  NT  NT  NT  NT	G/F X NT F E F G G F Cast crylic X F X X F X Cast Crylic X F X X T T X X T T X X T T X X T T X X T T X X T T X X T T X X T T X X X T T X X X T T X X X T X X X T X	F E E E G NT E E F E X X	E E E E E E NT NT NT NT NT V F E X PVC Poly X NT E E E E E E E E E E E E E E E E E E	(PE)
Chemical Resistance Chart  Gasoline Glycerin Glycolic Acid Glycols Heptane Hexane Hydraulic Fluids Hydrochloric Acid, 10% Hydrochloric Acid, 50% Hydrochloric Acid Hydrogen Peroxide, 10% Hydrogen Peroxide, 30%  Chemical Resistance Chart Hydrogen Sulfide Iodine Isopropyl Alcohol Kerosene Ketones Lactic Acid Magnesium Chloride Magnesium Hydroxide Magnesium Nitrate	FEP  E/E  E/E  E/E  E/E  E/E  E/E  E/E	PFA  E/E  E/E  E/E  E/E  E/E  E/E  E/E  E	NT	E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/E	X E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/	X E/E  PCTFE  E/E  E/E  E/E  E/E  E/E  E/E  E/E	E	Coly- rbonate S  X  G  F  G  G  F  F  F  X  X  X  NT  F  G  G  G  G  Coly- rbonate S  F  G  G  NT  NT  G  NT  G  NT  G	X NT Poly- ulfone  X G/F NT NT X X X F F X X NT X X NT X X F X  Poly- ulfone  X NT	G NT IIItem R F G/F NT NT X G E E X X NT F G X NT II N	G NT adel pro  F 3/F NT NT X G E E X X X NT F G X NT O  G T O  T  T  T  T  T  T  T  T  T  T  T  T	E/E Poly- pylene  F/X  E/E  G/G  E/E  X/X  G/F  E/E  G/F  X/X  G  G/F  E/G  G/F  Poly- pylene  X/X  G/F  E/G  E/G  F/X  E/G  E/G  E/G  E/G  E/G  E/G  E/G  E	NT  Cetal  G/F  G  NT  NT  E/E  G/F  X  X  X  X  X  X  T  T  Cetal  A  X  G  NT  X  G  NT  NT  G/G  E/E  G  G  NT  NT  NT  NT  NT  NT	Crylic  G/F  X  NT  F  E  F  G  G  X  X  F  F  Cast  Crylic  X  F  X  X  F  X  X  F  X  NT  NT  NT  NT  NT	F E E E E G NT E E E E X E E X E E E E E E E E E E E	E E E E E E E E E E E E E E E E E E E	(PE)
Chemical Resistance Chart  Gasoline Glycolic Acid Glycols Heptane Hexane Hydraulic Fluids Hydrochloric Acid, 10% Hydrochloric Acid, 30% Hydrochloric Acid, 50% Hydrochloric Acid Hydrofluoric Acid Hydrogen Peroxide, 10% Hydrogen Peroxide, 30%  Chemical Resistance Chart  Hydrogen Sulfide Iodine Isopropyl Alcohol Kerosene Ketones Lactic Acid Magnesium Chloride Magnesium Nitrate Magnesium Sulfate Maleic Acid Mercuric Chloride	FEP  E/E  E/E  E/E  E/E  E/E  E/E  E/E	PFA  E/E  E/E  E/E  E/E  E/E  E/E  E/E  E	NT E/E  PVDF  E/E  E/E  E/E  E/E  E/E  E/E  E/E  E	E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/E	X E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/	X E/E  PCTFE  E/E  E/E  E/E  E/E  E/E  E/E  E/E	E E/E  E/E  E/E  E/E  E/E  E/E  E/E  E	X G Poly-rebonate sex X G F G G F F G G G G Poly-rebonate sex X X X NT F G G G G NT NT G NT C Poly-rebonate sex	X NT Poly- ulfone  X G/F NT NT X X X F F X X NT X X F X Poly- ulfone  X NT	S	G NT adel pro F 3/F NT NT X G E E X X NT F G X NT NT G G F 3/G NT	E/E Poly- pylene  F/X  E/E  G/G  E/E  X/X  G/F  E/E  E/E  G/F  X/X  G  G/F  E/G  G/F  Poly- pylene  X/X  G/G  F  E/G  E/G  F/X  E  E/G  F/X  E  E/G  F/X  E  E/F  E/G  F/X  F  E/F  E/G  E/G  E/G  E/G  E/G  E/G	NT  Acetal  A  G/F  G  NT  NT  E/E  G/F  X  X  X  X  X  X  X  X  T  X  A  A  Cetal  A  X  G  NT  G/G  E/E  G  G  NT  NT  NT  NT  NT  NT  NT  NT	G/F  X  NT  F  E  F  G  G  X  X  X  F  F  Cast  crylic  X  F  X  X  F  X  X  NT  NT  NT  NT  NT  NT	F E E E E G NT E E F E E E X E G E E E E E E E E E E E E E E	E E E E E E E E E E E E E E E E E E E	(PE)
Chemical Resistance Chart  Gasoline Glycerin Glycolic Acid Glycols Heptane Hexane Hydraulic Fluids Hydrochloric Acid, 10% Hydrochloric Acid, 50% Hydrochloric Acid, 50% Hydrochloric Acid Hydrogen Peroxide, 10% Hydrogen Peroxide, 30%  Chemical Resistance Chart Hydrogen Sulfide Iodine Isopropyl Alcohol Kerosene Ketones Lactic Acid Magnesium Chloride Magnesium Sulfate Maleic Acid Mercuric Chloride Mercuric Chloride Mercuric Nitrate Chemical Resistance Chart  Methane Methyl Alcohol	FEP  E/E  E/E  E/E  E/E  E/E  E/E  E/E	PFA  E/E  E/E  E/E  E/E  E/E  E/E  E/E  E	NT E/E  PVDF  E/E  E/E  E/E  E/E  E/E  E/E  E/E  E	E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/E	X E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/	X E/E  PCTFE  E/E  E/E  E/E  E/E  E/E  E/E  E/E	E	X G Poly- rbonate s X G F G G F F F X X X NT F G G G G Poly- rbonate s F G G G NT NT G NT NT G NT T C NT T T T T T T T T T T T T T T T	X NT Poly-ulfone  X G/F NT NT X X F F X X NT X X Poly-ulfone  X NT	G NT IIItem R F G/F G/F NT NT X G E E X X NT F G X IIItem R X NT II NT I	G NT adel pro  F G/F NT NT X G E E X X NT F G X adel pro X NT	E/E  Poly- pylene  F/X  E/E  G/G  E/E  X/X  G/F  E/E  E/E  G/F  X/X  G  G/F  E/G  G/F  E/G  F/X  E  E/G  F/X  E  E/G  F/X  E  E/G  E/G  E/G  E/G  E/G  E/G  E/G	NT  Coetal  A  G/F  G  NT  NT  E/E  G/F  X  X  X  X  X  NT  X  F  X  Coetal  A  X  G  NT  G/G  E/E  G  G  NT  NT  NT  NT  NT  NT  NT  NT	G/F  X  NT  F  E  F  G  G  X  X  F  F  Cast  crylic  X  F  X  X  F  X  X  F  X  X  F  X  X	F E E E E G NT E F E E E X E E E E X E E E E E E E E E	E E E E E E E E E E E E E E E E E E E	(PE)
Chemical Resistance Chart  Gasoline Glycerin Glycolic Acid Glycols Heptane Hexane Hydraulic Fluids Hydrochloric Acid, 10% Hydrochloric Acid, 50% Hydrochloric Acid, 50% Hydrogen Peroxide, 10% Hydrogen Peroxide, 30%  Chemical Resistance Chart Hydrogen Sulfide Iodine Isopropyl Alcohol Kerosene Ketones Lactic Acid Magnesium Hydroxide Magnesium Nitrate Magnesium Sulfate Maleic Acid Mercuric Chloride Mercuric Chloride Mercuric Nitrate Chemical Resistance Chart  Mercury Methane Methyl Alcohol Methyl Chloride Methyl Ethyl Ketone	FEP  E/E  E/E  E/E  E/E  E/E  E/E  E/E	PFA  E/E  E/E  E/E  E/E  E/E  E/E  E/E  E	NT E/E  PVDF  E/E  E/E  E/E  E/E  E/E  E/E  E/E  E	E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/E	X E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/	X E/E  PCTFE  E/E  E/E  E/E  E/E  E/E  E/E  E/E	E	X G Poly- rbonate s X G F G G F F F X X X NT F G G G G Poly- rbonate s F G G G NT NT G NT NT G NT T C NT T T T T T T T T T T T T T T T	X NT Poly- ulfone  X G/F NT NT X X F F X X NT X  F X  Poly- ulfone  X NT	S	G NT adel	E/E  Poly- pylene  F/X  E/E  G/G  E/E  X/X  G/F  E/E  E/E  G/F  X/X  G  G/F  E/G  G/F  Poly- pylene  X/X  G/G  F  E/G  F/X  E  E/G  F/X  E  E/E  E/G  F/X  E  E/G  F/X  E  E/G  F/X  E  E/G  F/X  F  E/G  F  F/X  F  F  F  F  F  F  F  F  F  F  F  F  F	SCETAL A  G/F  G  NT  NT  E/E  G/F  X  X  X  X  X  NT  X  F  X  Cetal A  X  G  NT  NT  NT  NT  NT  NT  NT  NT  NT	G/F  X  NT  F  E  F  G  G  X  X  F  F  Cast  crylic  X  F  X  X  F  X  X  F  X  X  F  X  X	F E E E E G NT E F E E E X E E E E X E E E E E E E E E	E E E E E E E E E E E E E E E E E E E	(PE)
Chemical Resistance Chart  Gasoline Glycerin Glycolic Acid Glycols Heptane Hexane Hydraulic Fluids Hydrochloric Acid, 10% Hydrochloric Acid, 30% Hydrochloric Acid, 50% Hydrochloric Acid Hydrogen Peroxide, 10% Hydrogen Peroxide, 30%  Chemical Resistance Chart Hydrogen Sulfide lodine Isopropyl Alcohol Kerosene Ketones Lactic Acid Magnesium Chloride Magnesium Nitrate Magnesium Sulfate Maleic Acid Mercuric Chloride Mercuric Nitrate Chemical Resistance Chart  Mercury Methane Methyl Alcohol Methyl Chloride	FEP  E/E  E/E  E/E  E/E  E/E  E/E  E/E	PFA  E/E  E/E  E/E  E/E  E/E  E/E  E/E  E	NT E/E  PVDF  E/E  E/E  E/E  E/E  E/E  E/E  E/E  E	E/E  E/FE  E/E  E/E  E/E  E/E  E/E  E/E	X E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/	X E/E  PCTFE  E/E  E/E  E/E  E/E  E/E  E/E  E/E	E E/E  PEEK  E/E  E/E  E/E  E/E  E/E  E/	X G Poly- rbonate s X G F G G F F F X X X NT F G G G G Poly- rbonate s F G G G NT NT G NT NT G NT T C NT T T T T T T T T T T T T T T T	X NT Poly-ulfone  X G/F NT NT X X X F F X X NT X X NT X X NT X X NT	S	G NT adel	E/E  Poly- pylene  F/X  E/E  G/G  E/E  X/X  G/F  E/E  E/E  G/F  X/X  G  G/F  Poly- pylene  X/X  G/F  E/G  G/F  Poly- pylene  X/X  G/G  F  E/G  E/G  F/X  E/E  E/G  F/X  E  E/E  E/G  F/X  E  E/G  F/X  E  F/X  E  F/X  E  F/X  F  G/F  G/F  G/F  G/F  G/F  G/F	NT  Cetal  A  G/F  G  NT  NT  E/E  G/F  X  X  X  X  X  NT  X  F  X  Cetal  A  X  G  NT  G/G  E/E  G  G  NT  NT  NT  NT  NT  NT  NT  NT	G/F  X  NT  F  E  F  G  G  X  X  F  F  Cast  crylic  X  F  X  X  F  X  X  F  X  X  F  X  X	F E E E E G NT E F E E E X E E E E X E E E E E E E E E	E E E E E E E E E E E E E E E E E E E	(PE)
Chemical Resistance Chart  Gasoline Glycerin Glycolic Acid Glycols Heptane Hexane Hydraulic Fluids Hydrochloric Acid, 10% Hydrochloric Acid, 30% Hydrochloric Acid, 50% Hydrogen Peroxide, 10% Hydrogen Peroxide, 10% Hydrogen Peroxide, 30%  Chemical Resistance Chart Hydrogen Sulfide Iodine Isopropyl Alcohol Kerosene Ketones Lactic Acid Magnesium Chloride Magnesium Nitrate Magnesium Sulfate Maleic Acid Mercuric Chloride Mercuric Nitrate  Chemical Resistance Chart  Mercury Methane Methyl Alcohol Methyl Chloride Methyl Ethyl Ketone Methylene Chloride Mineral Oils Motor Oils Naphtha Nickel Chloride	FEP  E/E  E/E  E/E  E/E  E/E  E/E  E/E	PFA  E/E  E/E  E/E  E/E  E/E  E/E  E/E  E	NT E/E  PVDF  E/E  E/E  E/E  E/E  E/E  E/E  E/E  E	E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/E	X	X E/E  PCTFE  E/E  E/E  E/E  E/E  E/E  E/E  E/E	E	X G Poly- rbonate s X G F G G G F F F X X X NT F G G G G G F F G G NT NT G NT C R Oly- rbonate s F G T C T C T C T C T C T C T C T C T C T	X NT Poly- ulfone  X G/F NT NT X X X F F X X NT X X NT X X NT X X NT	G NT Iltem R F G/F O/F NT NT X G E E X X NT F G X NT NT I	G NT adel pro  F 3/F NT NT X G E E X X X NT F G X NT NT G G F 3/G NT	E/E  Poly- pylene  F/X  E/E  G/G  E/E  X/X  G/F  E/E  G/F  X/X  G  G/F  E/G  G/F  Poly- pylene  X/X  G/G  F  E/G  E/G  E/G  E/G  E/G  E/G	NT	crylic  G/F  X  NT  F  E  F  G  G  X  X  F  F  Cast  crylic  X  F  X  X  F  X  X  F  X  X  F  X  X	F E E E E G NT E F E E E X E E E E X E E E E E E E E E	E E E E E E E E E E E E E E E E E E E	(PE)
Chemical Resistance Chart Gasoline Glycerin Glycolic Acid Glycols Heptane Hexane Hydraulic Fluids Hydrochloric Acid, 10% Hydrochloric Acid, 50% Hydrochloric Acid Hydrogen Peroxide, 10% Hydrogen Peroxide, 30%  Chemical Resistance Chart Hydrogen Sulfide Iodine Isopropyl Alcohol Kerosene Ketones Lactic Acid Magnesium Chloride Magnesium Sulfate Maleic Acid Mercuric Chloride Mercuric Nitrate Chemical Resistance Chart Mercury Methane Methyl Alcohol Methyl Chloride Methyl Ethyl Ketone Methylene Chloride Mineral Oils Motor Oils Naphtha	FEP  E/E  E/E  E/E  E/E  E/E  E/E  E/E	PFA  E/E  E/E  E/E  E/E  E/E  E/E  E/E  E	NT	E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/E	X	X E/E  PCTFE  E/E  E/E  E/E  E/E  E/E  E/E  E/E	E	X G Poly- rbonate s X G F G G G F F F F X X X NT F G G G G G F Oly- rbonate s F G G G NT NT G NT C NT C S NT X X X X X X X X X X X X X X X X X X	X NT Poly- ulfone  X G/F NT NT X X X F F X X NT X X  Poly- ulfone  X NT	G NT Jiltem R F G/F NT NT NT X G E E X X X NT F G X NT NT G G F G/G NT	G NT  adel	F/X  E/E  G/G  E/E  R/G/G  E/E  X/X  G/F  E/E  E/E  G/F  X/X  G  G/F  E/G  G/F  Poly- Poly	NT	Crylic  G/F  X  NT  F  E  F  G  G  X  X  F  F  Cast  crylic  X  F  X  X  F  X  X  F  X  X  F  X  X	F	E E E E E E E E E E E E E E E E E E E	(PE)
Chemical Resistance Chart  Gasoline Glycerin Glycolic Acid Glycols Heptane Hexane Hydraulic Fluids Hydrochloric Acid, 10% Hydrochloric Acid, 30% Hydrochloric Acid Hydrogen Peroxide, 10% Hydrogen Peroxide, 30%  Chemical Resistance Chart Hydrogen Sulfide Iodine Isopropyl Alcohol Kerosene Ketones Lactic Acid Magnesium Chloride Magnesium Sulfate Maleic Acid Mercuric Chloride Mercuric Nitrate  Chemical Resistance Chart  Mercury Methane Methyl Alcohol Methyl Chloride Methyl Ethyl Ketone Methylene Chloride Mineral Oils Motor Oils Naphtha Nickel Chloride Nickel Nitrate Nickel Sulfate	FEP  E/E  E/E  E/E  E/E  E/E  E/E  E/E	PFA  E/E  E/E  E/E  E/E  E/E  E/E  E/E  E	NT E/E  PVDF  E/E  E/E  E/E  E/E  E/E  E/E  E/E  E	E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/E	ECTFE  E/E  E/E  E/E  E/E  E/E  E/E  E/E	X	E	Poly- rbonate s  X  G  F  G  G  F  F  X  X  NT  F  G  G  G  Poly- rbonate s  F  G  G  NT  NT  G  NT  X  X  X  X  X  X  X  X  X  X  X  X  X	X NT Poly- ulfone  X G/F NT NT X X X F F X NT X X NT X X NT X X NT	G NT II IIItem R F G/F G/F NT NT X G E E X X NT F G X IIItem R X NT II N	G NT  adel pro  F G/F NT NT X G E E X X NT F G X NT NT G G F G/G NT	E/E	NT	Crylic  G/F  X  NT  F  E  F  G  G  Cast  crylic  X  F  X  X  F  X  X  F  X  X  F  X  X	F E E E E E G NT E E E E E E E E E E E E E E E E E E	E E E E E E E E E E E E E E E E E E E	(PE)
Chemical Resistance Chart  Gasoline Glycerin Glycolic Acid Glycols Heptane Hexane Hydraulic Fluids Hydrochloric Acid, 10% Hydrochloric Acid, 50% Hydrochloric Acid Hydrogen Peroxide, 10% Hydrogen Peroxide, 30%  Chemical Resistance Chart Hydrogen Sulfide Iodine Isopropyl Alcohol Kerosene Ketones Lactic Acid Magnesium Chloride Magnesium Nitrate Magnesium Sulfate Maleic Acid Mercuric Chloride Mercuric Chloride Mercuric Nitrate  Chemical Resistance Chart Mercury Methane Methyl Alcohol Methyl Chloride Methyl Ethyl Ketone Methylene Chloride Mineral Oils Motor Oils Naphtha Nickel Chloride Nickel Nitrate Nickel Sulfate Nitric Acid, 10% Nitric Acid, 50% Chemical Resistance Chart Nitric Acid, concentrated Nitric Acid, fomming	FEP  E/E  E/E  E/E  E/E  E/E  E/E  E/E	PFA  E/E  E/E  E/E  E/E  E/E  E/E  E/E  E	NT	E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/E	ECTFE  E/E  E/E  E/E  E/E  E/E  E/E  E/E	X	E	Poly- rbonate s  X  G  F  G  G  F  F  X  X  NT  F  G  G  G  Poly- rbonate s  F  G  G  NT  NT  G  NT  X  X  X  X  X  X  X  X  X  X  X  X  X	X NT Poly- ulfone  X G/F NT NT X X X F F X X NT X X F X Poly- ulfone  X NT	G NT II IIItem R F G/F G/F NT NT X G E E X X NT F G X IIItem R X NT II N	G NT  adel pro  F 3/F NT NT X G E E X X X NT F G X NT NT G G F 3/G NT	E/E  Poly- pylene  F/X  E/E  G/G  E/E  X/X  G/F  E/E  E/E  E/E  G/F  X/X  G  G/F  Poly- pylene  X/X  G/G  F  E/G  E/G  E/G  E/G  E/G  E/G	NT	Crylic  G/F  X  NT  F  E  F  G  G  X  X  X  F  F  Cast  crylic  X  F  X  X  F  X  X  F  X  X  F  X  X	F E E E E E G NT E E E E E E E E E E E E E E E E E E	E	(PE)
Chemical Resistance Chart  Gasoline Glycerin Glycolic Acid Glycols Heptane Hexane Hydraulic Fluids Hydrochloric Acid, 10% Hydrochloric Acid, 50% Hydrochloric Acid Hydrogen Peroxide, 30% Chemical Resistance Chart Hydrogen Sulfide Iodine Isopropyl Alcohol Kerosene Ketones Lactic Acid Magnesium Chloride Magnesium Nitrate Magnesium Sulfate Maleic Acid Mercuric Chloride Mercuric Chloride Mercuric Nitrate Chemical Resistance Chart Mercury Methane Methyl Ethyl Ketone Methyl Ethyl Ketone Methyl Ethyl Ketone Methyle Chloride Mineral Oils Notor Oils Naphtha Nickel Chloride Nickel Nitrate Nitric Acid, 10% Nitric Acid, 50% Chemical Resistance Chart Nitric Acid, concentrated Nitric Acid, fuming Oleic Acid	FEP  E/E  E/E  E/E  E/E  E/E  E/E  E/E	PFA   E/E   E/E	NT	E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/E	X	X	E	Poly- rbonate s  X  G  F  G  G  F  F  X  X  NT  F  G  G  G  Poly- rbonate s  F  G  G  NT  NT  G  NT  X  X  X  X  X  X  X  X  X  X  X  X  X	X NT Poly- ulfone  X G/F NT NT X X X F F X X NT X X F X Poly- ulfone  X NT	G	G NT  adel pro  F 3/F NT NT X G E E X X X NT F G X NT NT G G F 3/G NT	E/E  Poly- pylene  F/X  E/E  G/G  E/E  X/X  G/F  E/E  E/E  E/E  G/F  X/X  G  G/F  Poly- pylene  X/X  G/G  F  E/G  E/G  E/G  E/G  E/G  E/G	NT  Acetal  A  G/F  G  NT  NT  E/E  G/F  X  X  X  X  X  X  X  X  X  X  A  A  X  G  NT  NT  NT  NT  NT  NT  NT  NT  NT	Crylic  G/F  X  NT  F  E  F  G  G  X  X  X  F  F  Cast  crylic  X  F  X  X  F  X  X  F  X  X  F  X  X	F E E E E E G NT E E E E E E E E E E E E E E E E E E	E	(PE)  X  NT  G  E  X  X  NT  NT  E  NT  NT  X  E  E  ethylene (PE)  NT  E  X  E  X  X  X  G  G  NT  E  E  E  E  NT  NT  X  X  G  G  NT  E  E  E  E  E  NT  T  X  X  X  G  G  NT  E  E  E  E  E  E  E  E  E  E  E  E  E
Chemical Resistance Chart  Gasoline Glycerin Glycolic Acid Glycols Heptane Hexane Hydraulic Fluids Hydrochloric Acid, 10% Hydrochloric Acid, 50% Hydrochloric Acid Hydrogen Peroxide, 10% Hydrogen Peroxide, 30%  Chemical Resistance Chart Hydrogen Sulfide Iodine Isopropyl Alcohol Kerosene Ketones Lactic Acid Magnesium Chloride Magnesium Nitrate Magnesium Sulfate Maleic Acid Mercuric Chloride Mercuric Nitrate  Chemical Resistance Chart  Mercury Methane Methyl Alcohol Methyl Ethyl Ketone Methylene Chloride Mineral Oils Motor Oils Naphtha Nickel Chloride Nickel Nitrate Nickel Sulfate Nitric Acid, 10% Nitric Acid, 50%  Chemical Resistance Chart  Nitric Acid, 50%	FEP  E/E  E/E  E/E  E/E  E/E  E/E  E/E	PFA   E/E   E/E	NT	E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/E	ECTFE  E/E  E/E  E/E  E/E  E/E  E/E  E/E	X	E	Composition of the composition o	X NT Poly- ulfone  X G/F NT NT X X X F F X X NT X F X Poly- ulfone  X NT NT X X X T T T T T T T T T T T T	G	G NT  adel pro  F G/F NT NT X G E E X X NT F G X NT NT G G F G/G NT	E/E  Poly- pylene  F/X  E/E  G/G  E/E  G/G  E/E  X/X  G/F  E/E  E/E  G/F  X/X  G  G/F  Poly- pylene  X/X  G/G  F  E/G  E/G  E/G  E/G  E/G  E/G	NT  Cetal  A  G/F  G  NT  NT  E/E  G/F  X  X  X  X  X  X  X  X  X  A  Cetal  A  X  G  NT  NT  NT  NT  NT  NT  NT  NT  NT	crylic  G/F  X  NT  F  E  F  G  G  X  X  F  F  Cast  crylic  X  F  X  X  F  X  X  F  X  X  F  X  X	F	E	(PE)
Chemical Resistance Chart  Gasoline Glycerin Glycolic Acid Glycols Heptane Hexane Hydraulic Fluids Hydrochloric Acid, 10% Hydrochloric Acid, 30% Hydrochloric Acid, 50% Hydrochloric Acid Hydrogen Peroxide, 10% Hydrogen Peroxide, 30%  Chemical Resistance Chart Hydrogen Peroxide, 90% Hydrogen Sulfide Iodine Isopropyl Alcohol Kerosene Ketones Lactic Acid Magnesium Hydroxide Magnesium Hydroxide Magnesium Sulfate Maleic Acid Mercuric Chloride Mercuric Nitrate  Chemical Resistance Chart Mercury Methane Methyl Alcohol Methyl Chloride Methyl Ethyl Ketone Methylene Chloride Mineral Oils Motor Oils Naphtha Nickel Chloride Nickel Nitrate Nickel Sulfate Nitric Acid, 10% Nitric Acid, 50%  Chemical Resistance Chart Nitric Acid, 50%  Phosphoric Acid, <40% Phosphoric Acid, <40% Phosphoric Acid, <40% Photassium Bicarbonate	FEP  E/E  E/E  E/E  E/E  E/E  E/E  E/E	PFA   E/E   E/E	NT E/E  PVDF  E/E  E/E  E/E  E/E  E/E  E/E  E/E  E	E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/E	X	X	E E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/	Composite of the compos	X NT Poly-ulfone  X G/F NT NT X X X F F X X NT X X NT X NT X X NT	G	G NT  adel	E/E Poly- pylene  F/X  E/E  G/G  E/E  G/G  E/E  X/X  G/F  E/E  E/E  G/F  X/X  G  G/F  Poly- pylene  X/X  G/G  F  E/G  E/G  E/G  E/G  E/G  E/G	NT	crylic  G/F  X  NT  F  E  F  G  G  X  X  F  F  G  F  Cast crylic  X  F  X  X  F  X  X  F  X  X  F  X  X	F	E E E E E E E E E E E E E E E E E E E	(PE)
Chemical Resistance Chart  Gasoline Glycerin Glycolic Acid Glycols Heptane Hexane Hydraulic Fluids Hydrochloric Acid, 10% Hydrochloric Acid, 30% Hydrochloric Acid, 50% Hydrochloric Acid Hydrogen Peroxide, 10% Hydrogen Peroxide, 30%  Chemical Resistance Chart Hydrogen Peroxide, 90% Hydrogen Sulfide Iodine Isopropyl Alcohol Kerosene Ketones Lactic Acid Magnesium Hydroxide Magnesium Nitrate Magnesium Sulfate Maleic Acid Mercuric Chloride Mercuric Nitrate  Chemical Resistance Chart Mercury Methane Methyl Alcohol Methyl Chloride Methyl Ethyl Ketone Methylene Chloride Mineral Oils Notor Oils Naphtha Nickel Chloride Nickel Nitrate Nickel Sulfate Nitric Acid, 10% Nitric Acid, 50% Chemical Resistance Chart Nitric Acid, 50% Chemical Resistance Chart Nitric Acid, 50% Chemical Resistance Chart Nitric Acid, 10% Nitric Acid, 50% Chemical Resistance Chart Nitric Acid, concentrated Nitric Acid, concentrated Nitric Acid, fuming Oleic Acid Ozone Perhoric Acid, <40% Phosphoric Acid, <40% Phosphoric Acid, <40%	FEP  E/E  E/E  E/E  E/E  E/E  E/E  E/E	PFA   E/E   E/E	NT	E/E  E/E  E/F  E/E  E/E  E/E  E/E  E/E	X	X	E E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/	Composition of the composition o	X NT Poly- ulfone  X G/F NT NT X X F F X X NT X  X Poly- ulfone  X NT NT X X X  G/G NT	G	G NT  adel	E/E Poly- pylene  F/X  E/E  G/G  E/E  X/X  G/F  E/E  G/F  X/X  G  G/F  E/G  G/F  Poly- pylene  X/X  G/G  F  E/G  E/G  E/G  E/G  E/G  E/G	NT	crylic  G/F  X  NT  F  E  F  G  G  G  X  X  F  F  G  F  Cast crylic  X  F  X  X  F  X  X  F  X  X  F  X  X	F	E E E E E E E E E E E E E E E E E E E	(PE)
Chemical Resistance Chart  Gasoline Glycerin Glycolic Acid Glycols Heptane Hexane Hydraulic Fluids Hydrochloric Acid, 10% Hydrochloric Acid, 50% Hydrochloric Acid, 50% Hydrochloric Acid Hydrogen Peroxide, 10% Hydrogen Peroxide, 30%  Chemical Resistance Chart Hydrogen Peroxide, 30%  Chemical Resistance Chart Hydrogen Sulfide Iodine Isopropyl Alcohol Kerosene Ketones Lactic Acid Magnesium Chloride Magnesium Witrate Magnesium Sulfate Maleic Acid Mercuric Chloride Mercuric Nitrate  Chemical Resistance Chart Mercury Methane Methyl Alcohol Methyl Chloride Methyl Ethyl Ketone Methyl Ethyl Ketone Methylene Chloride Mineral Oils Motor Oils Naphtha Nickel Chloride Nickel Sulfate Nitric Acid, 10% Nitric Acid, 50%  Chemical Resistance Chart	FEP  E/E  E/E  E/E  E/E  E/E  E/E  E/E	PFA   E/E   E/E	NT E/E  PVDF  E/E  E/E  E/E  E/E  E/E  E/E  E/E  E	E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/E	X	X	E E/E	Composition of the composition o	X NT Poly- ulfone  X  G/F NT NT X  X  F  X  NT X  F  X  NT X  F  X  NT	G	G NT adel	E/E Poly- pylene  F/X  E/E  G/G  E/E  X/X  G/F  E/E  E/E  G/F  X/X  G  G/F  E/G  G/F  Poly- pylene  X/X  G/G  F  E/G  E/G  E/G  E/G  E/G  E/G	NT	crylic  G/F  X  NT  F  E  F  G  G  G  X  X  X  F  F  G  G  F  Cast  crylic  X  F  X  X  F  X  X  F  X  X  F  X  X	F	E E E E E E E E E E E E E E E E E E E	PE
Chemical Resistance Chart  Gasoline Glycorin Glycolic Acid Glycols Heptane Hexane Hydraulic Fluids Hydrochloric Acid, 10% Hydrochloric Acid, 50% Hydrochloric Acid Hydrogen Peroxide, 10% Hydrogen Peroxide, 30%  Chemical Resistance Chart Hydrogen Sulfide lodine Isopropyl Alcohol Kerosene Ketones Lactic Acid Magnesium Hydroxide Magnesium Sulfate Maleic Acid Mercuric Chloride Mercuric Nitrate Chemical Resistance Chart Mercury Methane Methyl Alcohol Methyl Chloride Methyl Ethyl Ketone Methyl Ethyl Ketone Methylene Chloride Mineral Oils Naphtha Nickel Chloride Nickel Sulfate Nitric Acid, 10% Nitric Acid, 50% Chemical Resistance Chart	FEP  E/E  E/E  E/E  E/E  E/E  E/E  E/E	PFA  E/E  E/E  E/E  E/E  E/E  E/E  E/E  E	PVDF  E/E  PVDF  E/E  E/E  E/E  E/E  E/E  E/E  E/E  E	E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/E	X	X	E E/E	Composition of the composition o	NT Poly- ulfone  X  G/F  NT  NT  X  F  X  NT  X  F  X  NT  X  NT  X  X  Poly- ulfone  X  NT  NT  NT  NT  NT  NT  NT  NT  NT	G	G NT  adel	E/E  Poly- pylene  F/X  E/E  G/G  E/E  X/X  G/F  E/E  E/E  E/E  G/F  X/X  G  G/F  Poly- pylene  X/X  G/G  F  E/G  E/G  E/G  E/G  E/G  E/G	NT	crylic  G/F  X  NT  F  E  F  G  G  G  X  X  X  F  F  G  G  F  Cast  crylic  X  F  X  X  X  F  X  X  F  X  X  F  X  X	F	E E E E E E E E E E E E E E E E E E E	Y
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Chemical Resistance Chart Gasoline Glycerin Glycolic Acid Glycols Heptane Hexane Hydraulic Fluids Hydrochloric Acid, 10% Hydrochloric Acid, 50% Hydrochloric Acid, 50% Hydrogen Peroxide, 10% Hydrogen Peroxide, 30% Chemical Resistance Chart Hydrogen Sulfide Iodine Isopropyl Alcohol Kerosene Ketones Lactic Acid Magnesium Hydroxide Magnesium Bulfate Maleic Acid Mercuric Chloride Mercuric Nitrate Chemical Resistance Chart Mercury Methane Methyl Alcohol Methyl Alcohol Methyl Chloride Methyl Ethyl Ketone Methylene Chloride Mineral Oils Motor Oils Naphtha Nickel Chloride Nickel Sulfate Nitric Acid, 10% Nitric Acid, 50% Chemical Resistance Chart Nitric Acid, 50% Phosphoric Acid, >40% Phosphori	FEP	PFA	NT	E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/E	X	X	E E/E  PEK	Composition of the composition o	X NT Poly- ulfone  X G/F NT NT X X X F F X X Poly- ulfone  X NT X X X S G/G NT	S	G NT	E/E   Poly-	NT	Crylic  G/F  X  NT  F  E  F  G  G  G  X  X  X  F  F  Cast crylic  X  F  X  X  F  X  X  F  X  X  F  X  X	F	E E E E E E E E E E E E E E E E E E E	PE   X
Chemical Resistance Chart  Gasoline Glycorin Glycolic Acid Glycols Heptane Hexane Hydraulic Fluids Hydrochloric Acid, 10% Hydrochloric Acid, 30% Hydrochloric Acid Hydrogen Peroxide, 10% Hydrogen Peroxide, 30%  Chemical Resistance Chart Hydrogen Peroxide, 30% Hydrogen Sulfide Iodine Isopropyl Alcohol Kerosene Ketones Lactic Acid Magnesium Chloride Magnesium Hydroxide Magnesium Sulfate Maleic Acid Mercuric Chloride Mercuric Nitrate Chemical Resistance Chart Mercury Methane Methyl Alcohol Methyl Chloride Methyl Ethyl Ketone Methyl Ethyl Ketone Methylene Chloride Mineral Oils Motor Oils Naphtha Nickel Chloride Nickel Nitrate Nickel Sulfate Nitric Acid, 50% Chemical Resistance Chart Nitric Acid, 40% Phosphoric Acid, 40% Phosphoric Acid, 40% Potassium Bicarbonate Sodium Bicarbonate	FEP	PFA	NT	E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/E	X	X	E E/E  PEK	Poly- rbonate s  X  G  F  G  G  F  F  G  G  G  Poly- rbonate s  F  G  G  MT  NT  G  NT  C  NT  X  X  X  X  X  X  X  X  X  X  X  X  X	NT Polyfone  X G/F NT NT X X F F X NT NT X X F X Polyfone  X NT	S	G NT  Adel	E/E  Poly- P	NT	crylic  G/F  X  NT  F  E  F  G  G  G  X  X  F  F  G  G  F  Cast  crylic  X  F  X  G  G  NT  NT  NT  NT  NT  NT  NT  NT	F	E E E E E E E E E E E E E E E E E E E	NT G E X X NT NT S E NT NT S E E ethylene (PE) NT E X E X X G G NT E E E E NT ethylene (PE)  X X X G G G NT E E E E E NT ethylene (PE)  X X X  X G G G NT E E E E E NT ethylene (PE)  X X X X X X X X X X X X X X X X X X
Chemical Resistance Chart  Gasoline Glycerin Glycolic Acid Glycols Heptane Hexane Hydraulic Fluids Hydrochloric Acid, 10% Hydrochloric Acid, 50% Hydrochloric Acid Hydrogen Peroxide, 10% Hydrogen Peroxide, 30%  Chemical Resistance Chart Hydrogen Sulfide Iodine Isopropyl Alcohol Kerosene Ketones Lactic Acid Magnesium Chloride Magnesium Sulfate Maleic Acid Mercuric Chloride Mercuric Nitrate  Chemical Resistance Chart  Mercury Methane Methyl Alcohol Methyl Alcohol Methyl Ethyl Ketone Methylene Chloride Mineral Oils Motor Oils Naphtha Nickel Chloride Nickel Sulfate Nitric Acid, 10% Nitric Acid, 50%  Chemical Resistance Chart Nitric Acid, 50%  Chemical Resistance Chart  Methylene Chloride Mineral Oils Notor Oils Naphtha Nickel Chloride Nickel Sulfate Nitric Acid, 50%  Chemical Resistance Chart Nitric Acid, 50%  Chemical Resistance Chart Nitric Acid, 50%  Chemical Resistance Chart Nitric Acid, 40% Phosphoric Acid, 40% Potassium Bromide Sodium Chloride Sodium Hydroxide	FEP	PFA	NT	E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/E	X	X	E E/E  PEEK	Poly- rbonate s  X  G  F  G  G  G  F  F  F  X  X  NT  F  G  G  G  G  C  C  C  C  C  C  C  C  C	NT Poly- ulfone  X  G/F  NT  NT  X  F  F  X  X  NT  X  F  X  NT  X  X  NT  NT  NT  NT  NT  NT  N	S	G NT  adel	E/E   Poly-	NT	Crylic  G/F  X  NT  F  E  F  G  G  X  X  F  F  Cast  crylic  X  F  X  X  F  X  X  F  X  X  F  X  X	F E E E E E E E E E E E E E E E E E E E	E E E E E E E E E E E E E E E E E E E	REINT REE RT NT REE RT NT RT E REE E E E E E E E E Hylene (PE) E RT
Chemical Resistance Chart  Gasoline Glycorin Glycolic Acid Glycols Heptane Hexane Hydraulic Fluids Hydrochloric Acid, 10% Hydrochloric Acid, 30% Hydrochloric Acid Hydrogen Peroxide, 10% Hydrogen Peroxide, 30% Chemical Resistance Chart Hydrogen Peroxide, 90% Hydrogen Peroxide, 90% Hydrogen Sulfide Iodine Isopropyl Alcohol Kerosene Ketones Lactic Acid Magnesium Chloride Magnesium Hydroxide Magnesium Sulfate Maleic Acid Mercuric Chloride Mercuric Nitrate  Chemical Resistance Chart Mercury Methane Methyl Alcohol Methyl Chloride Methyl Ethyl Ketone Methyl Ethyl Ketone Methyl Ethyl Ketone Methylene Chloride Mineral Oils Notor Oils Naphtha Nickel Chloride Nickel Nitrate Nitric Acid, 10% Nitric Acid, 50% Chemical Resistance Chart Nitric Acid, concentrated Nitric Acid, 10% Nitric Acid, 50% Chemical Resistance Chart Nitric Acid, concentrated Nitric Acid, 40% Phosphoric Acid, <40% Potassium Bicarbonate Potassium Bromide Sodium Bromide Sodium Bromide Sodium Bromide Sodium Flouride Sodium Bromide Sodium Hydroxide	FEP	PFA  E/E  E/E  E/E  E/E  E/E  E/E  E/E  E	NT	E/F	X	X	E E/E  PEEK	Poly- rbonate s  X  G  F  G  G  G  F  F  F  X  X  NT  F  G  G  G  G  S  F  G  G  G  NT  NT  G  NT  X  F  X  X  X  X  F  X  X  X  X  G  NT  NT  G  NT  X  X  F  X  X  X  F  F  X  NT  X  C  G  G  R  Poly- rbonate s  X  X  G  R  NT  X  X  F  X  NT  X  X  F  X  NT  X  X  G  X  NT  X  C  G  R  Poly- rbonate s  G  NT  C  R  R  R  R  R  R  R  R  R  R  R  R	NT Polyulfone  X G/F NT NT X X F F X X NT X F X Polyulfone  X X NT	S	S	E/E   Poly-   Poly-   Poly-   Poly-   Poly-   Poly-   E/E	NT	Crylic  G/F  X  NT  F  E  F  G  G  X  X  F  F  Cast  crylic  X  F  X  X  F  X  X  F  X  X  F  X  X	F E E E E E E E E E E E E E E E E E E E	E E E E E E E E E E E E E E E E E E E	NT G E X X NT NT S E NT NT S E E ethylene (PE) NT E X E X X G G NT E E E E NT ethylene (PE)  X X X G G G NT E E E E E NT ethylene (PE)  X X X  X G G G NT E E E E E NT ethylene (PE)  X X X X X X X X X X X X X X X X X X
Chemical Resistance Chart  Gasoline Glycerin Glycolic Acid Glycots Heptane Hexane Hydraulic Fluids Hydrochloric Acid, 10% Hydrochloric Acid, 50% Hydrochloric Acid, 50% Hydrochloric Acid Hydrogen Peroxide, 10% Hydrogen Peroxide, 30%  Chemical Resistance Chart Hydrogen Sulfide Iodine Isopropyl Alcohol Kerosene Ketones Lactic Acid Magnesium Chloride Magnesium Hydroxide Magnesium Sulfate Maleic Acid Mercuric Chloride Mercuric Chloride Mercuric Nitrate  Chemical Resistance Chart Mercury Methane Methyl Alcohol Methyl Chloride Methyl Ethyl Ketone Methylene Chloride Mineral Oils Motor Oils Naphtha Nickel Chloride Nickel Nitrate Nitric Acid, 10% Nitric Acid, 50%  Chemical Resistance Chart Nitric Acid, 50%  Chenical Resistance Chart Nitric Acid, 50%  Chenical Resistance Chart Nitric Acid, 40% Phosphoric Acid, >40% Phosphoric Acid, >40% Potassium Bicarbonate Potassium Bromide Sodium Chloride Sodium Chloride Sodium Flouride Sodium Phosphoric Acid, >40% Phosphoric Acid, >40% Potassium Bromide Potassium Bromide Sodium Phosphore Sodium Phosphate	FEP	PFA  E/E  E/E  E/E  E/E  E/E  E/E  E/E  E	NT E/E  PVDF  E/E  E/E  E/E  E/E  E/E  E/E  E/E  E	E/E  E/E  E/E  E/E  E/E  E/E  E/E  E/E	X	X	E E E E E E E E E E E E E E E E E E E	Poly- rbonate s  X  G  F  G  G  F  F  F  X  X  NT  F  G  G  G  G  F  F  G  G  G  F  F  G  G	NT Poly- ulfone  X  G//F  NT  X  X  F  F  X  X  NT  X  X  Poly- ulfone  X  X  NT  NT  NT  NT  NT  NT  NT  NT	NT	S	F   F   F   F   F   F   F   F   F   F	NT	Crylic  G/F  X  NT  F  E  F  G  G  G  X  X  X  F  F  G  G  F  Cast  crylic  X  F  X  X  X  F  X  X  X  F  X  X  X	F E E E E E E E E E E E E E E E E E E E	E E E E E E E E E E E E E E E E E E E	REINT REENT NT EENT NT X EEEEE ECHYlene PE  X X X X X X X X X X X X X X X X X X

First letter represents testing at ambient temperature. Second letter represents testing at 120°F or higher. Data may only be available for ambient temperature.

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E/E

Turpentine

Zinc Chloride

Zinc Oxide

Zinc Sulfate

Xylene

Trichloroethylene

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